L Number	Hits	Search Text	DB	Time stamp
-	13	(("5799284") or ("5819092") or ("5850442") or ("6029195") or ("6128623") or ("6154738") or ("6233575") or ("6247021") or ("6253188") or ("6269361")).PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:17
-	2	monetary adj rank$3	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 08:23
-	23	"amazon.com".as.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 09:10
-	2	"goto.com".as.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 09:12
-	22	related adj search adj term	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 09:24
-	21	related adj search adj query	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 10:50
-	58	ad adj placement	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:00
-	4	search adj engine adj ranking	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 08:10
-	2	(remove$2 adj duplicate) same url	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/27 14:47
-	2	(remove adj duplicate) same url	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/27 14:47
-	1	(remove adj duplicate) near5 url	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/27 14:46
-	190	"same" adj url	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/27 14:45
-	13	duplicat$3 adj url	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/27 14:21
-	13	duplicate adj url	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/27 14:49
-	12	paid adj placement	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/26 16:58
-	0	bid-for-placement	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/26 16:58
-	0	(pay or bid)adj for adj placement	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/26 16:56
-	361	707/505-508.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/17 14:18

-	138	("5832497" "6334133" "6052122" "6249282" "6049776" "5519786" "5533093" "5781179" "5991758" "6012069" "6287765" "6365129" "5270919" "5901255" "6286135" "5463748" "6381592" "4399503" "4435804" "6092100" "6253193" "6292830" "6363488" "6389402" "6056556" "5652857" "6145052" "6334102" "5950179" "6230102" "5325294" "5619410" "5809499" "6138111" "6192402" "6226639" "6226639" "6389378" "4939648" "5216591" "5524065" "5579224" "5604910" "6038599" "6304902" "6363381" "6389454" "6212498" "6212498" "5020117").pn. ("5294800" "5848374" "6064959" "6122613" "6360011" "6381324" "4287425" "4827518" "5884272" "5884270" "5933821" "5289370" "5705761" "5909509" "6092044" "6274319" "5778392" "5809138" "5907680" "5930720" "6070082" "6314404" "5577022" "5754956" "6075467" "5758052" "6034015" "5946647" "5790886"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/17 15:45

-	166	inverted adj index	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:00
-	2224	(meta adj data) or (metadata)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:00
-	19	(inverted adj index) and ((meta adj data) or (metadata))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:06
-	8	"6018733"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:06
-	1511	707/3.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:20
-	657	705/37.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:25
-	48	705/37.ccls. and (search adj engine)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:21
-	580	705/37.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:31
-	1	"6026375".PN.	USPAT; US-PGPUB	2002/06/28 12:31
-	10	6,006,225	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 12:49
-	3005	search adj engine	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 15:16
-	11	updat$3 adj (search adj engine)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/28 15:16
-	5	"6253188"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/30 15:08
-	8	(("6247021") or ("6233575") or ("6154738") or ("6128623") or ("6029195") or ("5850442") or ("5819092") or ("5799284")).PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/30 15:38
-	9	bid$4 adj search adj term	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:26
-	6	mysimon	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/30 15:42
-	99	(search adj result).ti.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/30 15:45
-	13	((search adj result).ti.) and @rlad<=20000522	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/30 15:54
-	0	pay adj for adj performance	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/30 15:54

-	6	weight adj search adj result	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/30 17:00
-	1	60/074687	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/30 17:01
-	0	60/074678	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/01 10:17
-	17	"5838970"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/01 14:35
-	15	"6014138"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/01 15:55
-	30	duplicate adj url	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/01 16:24
-	17	paid adj placement	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 08:19
-	0	5838.970.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 08:19
-	1	5838970.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 08:52
-	1	rank adj aggregation	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 09:43
-	0	recomnended adj search adj term	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 09:53
-	0	recomnended adj keyword	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 10:02
-	1	recommended adj keyword	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 09:45
-	1	recommended adj (key adj word)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 10:30
-	14	recommended adj search	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 09:52
-	9	recommended adj query	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 09:53
-	314	related adj query	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 09:53
-	52	related adj search adj term	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 09:53
-	245	related adj keyword	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 10:02

-	51	(related adj keyword) and @rlad<=20000522	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 10:31
-	2	"6421675"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 14:20
-	72	related adj (key adj word)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 10:30
-	11	(related adj (key adj word)) and @rlad<=20000522	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 10:31
-	20	URL adj position	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 14:26
-	1	"5903882".PN.	USPAT; US-PGPUB	2003/05/02 14:22
-	1	"5748954".PN.	USPAT; US-PGPUB	2003/05/02 14:22
-	1	"5659732".PN.	USPAT; US-PGPUB	2003/05/02 14:22
-	4	redundant adj url	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 14:31
-	37	5,913,215	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 15:00
-	131	compar$3 adj url	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 15:00
-	19	(compar$3 adj url) and @rlad<=20000531	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 15:23
-	10	(similar adj url) and @rlad<=20000531	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/05/02 16:35
-	50	related adj search adj result	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:02
-	15	(related adj search adj result) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:26
-	11	("5913215" | "5963952" | "6006225" | "6199079" | "6208988" | "6266649" | "6282548" | "6292796" | "6297819" | "6317722" | "6411950").PN.	USPAT	2004/09/01 14:07
-	32	pay adj per adj click	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:14
-	4	(pay adj per adj click) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:14
-	14	6421675.URPN.	USPAT	2004/09/01 14:20
-	23	bid$4 adj search adj term	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:26
-	11	(bid$4 adj search adj term) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:29
-	0	(moneytary adj ranking) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:29

-	2	(monetary adj ranking) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:32
-	34	(position adj manager) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:41
-	5	6078866.URPN.	USPAT	2004/09/01 14:39
-	9411	(bid4 near (search adj term) keyword) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/01 14:42
-	12	(bid$ near((search adj term) keyword)) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 08:17
-	21	("4433392" | "5758328" | "5794210" | "5864822" | "5895454" | "5913202" | "5935207" | "6014644" | "6014647" | "6016504" | "6041323" | "6055516" | "6055538" | "6128624" | "6134534" | "6169992" | "6223215" | "6308175" | "6314420" | "6317741" | "6366956").PN.	USPAT	2004/09/01 14:48
-	0	6631372.URPN.	USPAT	2004/09/01 15:08
-	9	((search adj listing) with money) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 08:25
-	0	(related adj search adj database) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 08:29
-	79	((invert$ adj index) and (search adj engine)) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 10:16
-	18	("5278980" | "5647058" | "5778361" | "5778363" | "5781904" | "5899995" | "5960383" | "6006222" | "6018735" | "6029167" | "6041323" | "6236768" | "6256640" | "6263121" | "6289342" | "6353840" | "6434556" | "6618727").PN.	USPAT	2004/09/03 09:01
-	5	(keyword adj bid$) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 10:06
-	5	(pay adj listing) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 10:07
-	11	(paid adj listing) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 10:07
-	1	((monetary adj factor) and (search adj engine)) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 10:16
-	1	((monetary adj ranking) and (search adj engine)) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 10:16
-	204	((monetary) and (search adj engine)) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 10:22
-	5	6078866.URPN.	USPAT	2004/09/03 10:20
-	3	("5659732" | "5748954" | "5903882").PN.	USPAT	2004/09/03 10:21
-	4	searchup	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 10:29
-	10	Pay-For-Performance adj search	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/03 10:30
-	24	Pay-For-Performance	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/07 13:16

-	0	building adj contruction adj project	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/07 13:16
-	296	(related adj search) and (@ad<=20000503 @rlad<=20000503)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/27 16:00
-	9	(related adj search adj listing) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/27 16:01
-	301	(related adj search) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/27 16:21
-	12	"5926808"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 12:02
-	9	("5050071" | "5265065" | "5280573" | "5379366" | "5598557" | "5671404" | "5721906" | "5748954" | "5761497").PN.	USPAT	2004/09/27 16:25
-	9	5926808.URPN.	USPAT	2004/09/27 16:26
-	59	bias adj search$	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 12:02
-	32	(bias adj search$) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 12:22
-	4	(ranking near bias) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 12:07
-	0	("S. L. I.").as. and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 12:17
-	0	(moneytary adj ranking) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 12:18
-	2	(monetary adj ranking) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 12:18
-	23	(keyword with bid$) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 12:32
-	100	(keyword with advertisement) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 12:44
-	13	(goto.com) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 14:08
-	0	(related adj search adj database) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 14:31
-	17	"6421675"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 14:25
-	81	((inverted adj index) and (search adj engine)) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 15:00
-	4	(pay-per-click) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 15:02

-	5	(pay adj per adj click) and (@ad<=20000523 @rlad<=20000523)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 15:30
-	4	searchup	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/28 15:30

Terms used **search engine related search Monetary ranking** Found **22** of **142,983**

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Relevance scale

1 Community search assistant

Natalie S. Glance

January 2001 **Proceedings of the 6th international conference on Intelligent user interfaces**

Full text available: pdf(181.91 KB) Additional Information: full citation, abstract, references, index terms

This paper describes a new software agent, the community search assistant, which recommends related searches to users of search engines. The community search assistant enables communities of users to search in a collaborative fashion. All queries submitted by the community are stored in the form of a graph. Links are made between queries that are found to be related. Users can peruse the network of related queries in an ordered way: following a path from a first cousin, to a second cousin t ...

Keywords: intelligent agent, recommender system, search

2 Experiences with selecting search engines using metasearch

Daniel Dreilinger, Adele E. Howe

July 1997 **ACM Transactions on Information Systems (TOIS)**, Volume 15 Issue 3

Full text available: pdf(428.65 KB) Additional Information: full citation, abstract, references, citings, index terms, review

Search engines are among the most useful and high-profile resources on the Internet. The problem of finding information on the Internet has been replaced with the problem of knowing where search engines are, what they are designed to retrieve, and how to use them. This article describes and evaluates SavvySearch, a metasearch engine designed to intelligently select and interface with multiple remote search engines. The primary metasearch issue examined is the importance of carefully selecti ...

Keywords: WWW, information retrieval, machine learning, search engine

3 World Wide Web: Using navigation data to improve IR functions in the context of web search

Mark H. Hansen, Elizabeth Shriver

October 2001 **Proceedings of the tenth international conference on Information and knowledge management**

Full text available: pdf(2.39 MB) Additional Information: full citation, abstract, references, citings, index terms

As part of the process of delivering content, devices like proxies and gateways log valuable information about the activities and navigation patterns of users on the Web. In this study, we consider how this navigation data can be used to improve Web search. A query posted to a search engine together with the set of pages accessed during a search task is known as a

search session. We develop a mixture model for the observed set of search sessions, and propose variants of the classical EM a ...

Keywords: expectation-maximization algorithm, model-based clustering, proxy access logs, query clustering, web searching

4 The consumer side of search: Bias on the web

Abbe Mowshowitz, Akira Kawaguchi
September 2002 **Communications of the ACM**, Volume 45 Issue 9

Full text available: pdf(152.95 KB) html(41.72 KB) Additional Information: full citation, abstract, references, index terms

When it comes to measuring bias on the Web, there is clearly strength in numbers (of search engines, that is).

5 A survey of Web metrics

Devanshu Dhyani, Wee Keong Ng, Sourav S. Bhowmick
December 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 4

Full text available: pdf(289.28 KB) Additional Information: full citation, abstract, references, index terms

The unabated growth and increasing significance of the World Wide Web has resulted in a flurry of research activity to improve its capacity for serving information more effectively. But at the heart of these efforts lie implicit assumptions about "quality" and "usefulness" of Web resources and services. This observation points towards measurements and models that quantify various attributes of web sites. The science of measuring all aspects of information, especially its storage and retrieval or ...

Keywords: Information theoretic, PageRank, Web graph, Web metrics, Web page similarity, quality metrics

6 Web search 2: Personalized web search by mapping user queries to categories

Fang Liu, Clement Yu, Weiyi Meng
November 2002 **Proceedings of the eleventh international conference on Information and knowledge management**

Full text available: pdf(286.83 KB) Additional Information: full citation, abstract, references, citings, index terms

Current web search engines are built to serve all users, independent of the needs of any individual user. Personalization of web search is to carry out retrieval for each user incorporating his/her interests. We propose a novel technique to map a user query to a set of categories, which represent the user's search intention. This set of categories can serve as a context to disambiguate the words in the user's query. A user profile and a general profile are learned from the user's search history ...

Keywords: category hierarchy, information filtering, personalization, search engine

7 Query result processing: Mining anchor text for query refinement

Reiner Kraft, Jason Zien
May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available: pdf(100.27 KB) Additional Information: full citation, abstract, references, index terms

When searching large hypertext document collections, it is often possible that there are too many results available for ambiguous queries. Query refinement is an interactive process of query modification that can be used to narrow down the scope of search results. We propose a new method for automatically generating refinements or related terms to queries by mining anchor text for a large hypertext document collection. We show that the usage of anchor text as a basis for query refinement produce ...

Keywords: anchor text, query refinement, rank, web search

8 Repository architectures: Architecting an extensible digital repository

Anoop Kumar, Ranjani Saigal, Robert Chavez, Nikolai Schwertner

June 2004 **Proceedings of the 2004 joint ACM/IEEE conference on Digital libraries**

Full text available: pdf(523.30 KB) Additional Information: full citation, abstract, references, index terms

The Digital Collection and Archives (DCA) in partnership with Academic Technology (AT) at Tufts University developed a digital library solution for long-term storage and integration of existing digital collections, such as Perseus, TUSK, Bolles and Artifact. In this paper, we describe the Tufts Digital Library (TDL) architecture TDL is an extensible, modular, flexible and scalable architecture that uses Fedora at its core. The extensible nature of the TDL architecture allows for seamless integra ...

Keywords: VUE, digital library, fedora, preservation

9 Human interaction: Using terminological feedback for web search refinement: a log-based study

Peter Anick

July 2003 **Proceedings of the 26th annual international ACM SIGIR conference on Research and development in informaion retrieval**

Full text available: pdf(222.53 KB) Additional Information: full citation, abstract, references, citings, index terms

Although interactive query reformulation has been actively studied in the laboratory, little is known about the actual behavior of web searchers who are offered terminological feedback along with their search results. We analyze log sessions for two groups of users interacting with variants of the AltaVista search engine - a baseline group given no terminological feedback and a feedback group to whom twelve refinement terms are offered along with the search results. We examine uptake, refinement ...

Keywords: evaluation, interactive query refinement, terminological feedback, user logs, web search

10 Public use of digital community information sstems: findings from a recent study with implications for system design

Karen E. Pettigrew, Joan C. Durrance

January 2001 **Proceedings of the first ACM/IEEE-CS joint conference on Digital libraries**

Full text available: pdf(224.13 KB) Additional Information: full citation, abstract, references, citings, index terms

The Internet has considerably empowered libraries and changed common p erception of what they entail. Public libraries, in particular, are using technological advancements to expand their range of services and enhance their civic roles. Providing community information (CI) in innovative, digital forms via community networks is one way in which public libraries are facilitating everyday information needs. These networks have been lauded for their potential to strengthen physical communities ...

Keywords: barriers, community information, community networks, information behavior, qualitative methods, sensemaking

11 Hypermedia and Graphics 1: Dynamic documents: authoring, browsing, and analysis using a high-level petri net-based hypermedia system

Jin-Cheon Na, Richard Furuta

November 2001 **Proceedings of the 2001 ACM Symposium on Document engineering**

Full text available: pdf(394.28 KB) Additional Information: full citation, abstract, references, citings, index terms

caT (for Context-Aware Trellis) was initially developed to support context-aware documents by incorporating high-level Petri-net specification, context-awareness, user modeling, and fuzzy knowledge handling features into Trellis, a Petri-net-based hypermedia system. The browsing behavior of documents specified in the caT model can reflect the reader's contextual (such as location and time) and preference information. Recently, to provide a framework for the authoring, browsing, and analysis of r ...

Keywords: caT, dynamic documents, petri-net-based hypertext, trellis

12 A semantic-based approach to component retrieval

Vijayan Sugumaran, Veda C. Storey

August 2003 **ACM SIGMIS Database**, Volume 34 Issue 3

Full text available: pdf(367.67 KB) Additional Information: full citation, abstract, references, citings, index terms

There continues to be a great deal of pressure to design and develop information systems within a short period of time. This urgency has reinvigorated research on software reuse, particularly in component based software development. One of the major problems associated with component-based development is the difficulty in searching and retrieving reusable components that meet the requirement at hand. In part, this problem exists because of the lack of sophisticated query methods and techniques. ...

Keywords: component based development, domain model, ontology, reuse repository, systems development

13 Session 2: Establishing wireless conference calls under delay constraints

Amotz Bar-Noy, Grzegorz Malewicz

July 2002 **Proceedings of the twenty-first annual symposium on Principles of distributed computing**

Full text available: pdf(1.02 MB) Additional Information: full citation, abstract, references

A prevailing feature of mobile telephony systems is that the cell where a mobile user is located may be unknown. Therefore when the system is to establish a call between users it may need to search, or page, all the cells that it suspects the users are located in, to find the cells where the users currently reside. The search consumes expensive wireless links and so it is desirable to develop search techniques that page as few cells as possible.We consider cellular systems with *c* cells an ...

Keywords: NP-hardness, approximation algorithms, conference call, convex optimization, location management, terminal paging

14 Doctorial Consortium: Personal information geographies

Daniel Bauer

April 2002 **CHI '02 extended abstracts on Human factors in computing systems**

Full text available: pdf(193.59 KB) Additional Information: full citation, abstract, references

We need increasingly better tools to help us manage today's flood of information. This research explores the use of visual maps as workspaces which help us both to organize new material and to relocate past resources. In particular, visual workspaces can facilitate the process of *sensemaking*, the gradual evolution of an inquiry through our repeated interaction with information. This interaction can serve as an organizing structure for personally meaningful information geographies: map-lik ...

Keywords: activity history, document maps, information landscapes, information recovery, information search, sensemaking

15 Multi-media document representation and retrieval

Esen Ozkarahan, Fazli Can
April 1999 **Proceedings of the 19th annual conference on Computer Science**

Full text available: pdf(1.10 MB) Additional Information: full citation, references, citings

16 Developing multimedia applications with the WinWin spiral model

Barry Boehm, Alex Egyed, Julie Kwan, Ray Madachy
November 1997 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 6th European conference held jointly with the 5th ACM SIGSOFT international symposium on Foundations of software engineering,** Volume 22 Issue 6

Full text available: pdf(1.73 MB) Additional Information: full citation, references, citings, index terms

17 XML schemas: integration and translation: Intelligent knowledge discovery in peer-to-peer file sharing

Yugyung Lee, Changgyu Oh, Eun Kyo Park
November 2002 **Proceedings of the eleventh international conference on Information and knowledge management**

Full text available: pdf(381.17 KB) Additional Information: full citation, abstract, references, index terms

Emerging peer-to-peer computing provides new possibilities but also challenges for distributed applications. Despite their significant potential, current peer-to-peer networks lack efficient knowledge discovery and management. This paper addresses this deficiency and proposes the Intelligent File Sharing framework, which provides an effective and flexible query for P2P file sharing. The IFS is based on powerful schema and flexible inference, as well as efficiently integrated and extensible retri ...

Keywords: association rules, encoding, hierarchy, peer-to-peer file sharing, reasoning, retrieval, search

18 The HCI bibliography: ten years old, but what's it done for me lately?

Gary Perlman
March 1999 **interactions**, Volume 6 Issue 2

Full text available: pdf(135.42 KB) html(16.49 KB) Additional Information: full citation, references, index terms

19 HCI and the Web: Enterprise information architecture: strategies for the real world

William Hudson
November 2003 **interactions**, Volume 10 Issue 6

Full text available: pdf(420.81 KB) html(10.53 KB) Additional Information: full citation, references, index terms

20 Special section on advanced XML data processing: XML document versioning

Shu Yao Chien, Vassilis J. Tsotras, Carlo Zaniolo
September 2001 **ACM SIGMOD Record**, Volume 30 Issue 3

Full text available: pdf(716.34 KB) Additional Information: full citation, abstract, references, index terms

Managing multiple versions of XML documents represents an important problem, because of many applications ranging from traditional ones, such as software configuration control, to new ones, such as link permanence of web documents. Research on managing multiversion XML documents seeks to provide efficient and robust techniques for (i) storing and retrieving, (ii) exchanging, and (iii) querying such documents. In this paper, we first show that traditional version control methods, such as RCS, and ...

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WebSail: From On-line Learning to Web Search - Chen, Meng (2000) (Correct) (6 citations)
efforts applying machine learning to web **search related** applications, for example, scientific article
factors such as real-time computing, indexing and **ranking** are involved as well. In this paper, we first
it has error-tolerant ability and an inherent **ranking** mechanism (the inner product of the weight
bahia.cs.panam.edu/TR/websail.pdf

Fast Approximate Search in Large - Dictionaries Stoyan Mihov (Correct)
search in D with a given bound k 1 to **related search** problems for smaller bounds k #k in D and
as frequency information, may be used to compute a **ranking** of the correction candidates. In this paper, we
candidates. In this paper, we ignore the **ranking** problem and concentrate on the first step. For
www.cis.uni-muenchen.de/people/Schulz/Pub/fastapproxsearch.pdf

FEATURES: Real-time Adaptive Feature Learning and.. - Chen, Meng, Fowler, Zhui (2000) (Correct)
efforts applying machine learning to web **search related** applications, for example, scientific article
a list of suggested keywords based on its internal **ranking** and the user's most recent browsing contents for
the document learning algorithm to increase the **ranks** of relevant documents, while the document
bahia.cs.panam.edu/TR/features.pdf

Yarrow: A Real-Time Client Side Meta-Search Learner - Chen, Meng (Correct)
efforts on applying machine learning on web **search related** applications, for example, scientific article
a list of parameters to enhance the filtering and **ranking** performance. But as far as the authors
index database and returns a list of urls that are **ranked** ac- cording to a **ranking** function. Then the user
bahia.cs.panam.edu/TR/yarrow.pdf

Qualms Regarding the Optimality of Cumulative Path Length Control.. - Beyer (Correct)
recombination, 1 the CSA relies on fitness **related search** space information gathered over a sequence of
adaptation by MSA that uses one-generation fitness **ranking** information only and neglects the effect of
sfbci.cs.uni-dortmund.de/home/English/Publications/Reference/Downloads/BA02.ps

FEATURES: Real-Time Adaptive Feature and Document Learning.. - Chen, Meng, Fowler (Correct)
effort applying machine learning to web **search-related** applications, e.g.scientific article
a list of suggested keywords based on its internal **ranking** and the user's most recent browsing contents
algorithms and strategies for feature **ranking** and document **ranking** as well as a method for
www.cs.panam.edu/~chen/./paper-file/features.ps.Z

Features: Real-time Adaptive Feature Learning and.. - Chen, Meng, Fowler, Zhu (2000) (Correct)
efforts applying machine learning to web **search related** applications, for example, scientific article
a list of suggested keywords based on its internal **ranking** and the user's most recent browsing contents for
the document learning algorithm to increase the **ranks** of relevant documents, while the document
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